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## BOX PCT

IN THE UNITED STATES DESIGNATED OFFICE.

OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER THE PATENT COOPERATION TREATY-CHAPTER II

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS**

APPLICANT: Wolfgang DREHER et al ATTY: DOCKET NO.: P05,0076

SERIAL NO.: 10/527,382 CONFIRMATION NO. 5749

FILED: March 11, 2005

TITLE: "SPECTROSCOPIC IMAGING METHOD, DEVICE  
COMPRISING ELEMENTS FOR CARRYING OUT SAID  
METHOD AND USE OF SAID IMAGING METHOD FOR  
CHARACTERIZING MATERIALS"**MAIL STOP PCT**

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

SIR:

In response to the Notification of Missing Requirements dated August 15, 2005, (copy attached), Applicants herewith submit a translation of the German-language application that was originally filed, as well as a signed Declaration, together with payment for the requisite fees in an amount totaling \$195.00.

Submitted by,

(Reg. 28,982)

Schiff, Hardin LLP  
**CUSTOMER NO. 26574**

Patent Department

6600 Sears Tower

233 South Wacker Drive

Chicago, Illinois 60606

Telephone: 312/258-5790

Attorneys for Applicant.

10/21/2005 GFREY1 00000128 10527382

01 FC:2617  
02 FC:161865.00 gp  
130.00 gp

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on October 13, 2005.

*Steven H. Noll*  
\_\_\_\_\_  
STEVEN H. NOLL



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/527,382	Wolfgang Freher	P05,0076
INTERNATIONAL APPLICATION NO.		
PCT/DE03/02997		
IA. FILING DATE	PRIORITY DATE	
09/10/2003	09/13/2002	

26574  
 SCHIFF HARDIN, LLP  
 PATENT DEPARTMENT  
 6600 SEARS TOWER  
 CHICAGO, IL 60606-6473

**CONFIRMATION NO. 5749**  
**371 FORMALITIES LETTER**  
**\*OC000000016766391\***  
**\*OC000000016766391\***

Date Mailed: 08/15/2005

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 03/11/2005
- Copy of the International Search Report filed on 03/11/2005
- Information Disclosure Statements filed on 03/11/2005
- Small Entity Statement filed on 03/11/2005
- Request for Immediate Examination filed on 03/11/2005
- U.S. Basic National Fees filed on 03/11/2005
- Priority Documents filed on 03/11/2005

RECEIVED  
 AUG 22 2005  
 SCHIFF HARDIN LLP  
 U.S. PATENT DEPT.

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Translation of the application into English. Note a processing fee will be required if submitted later than 30 months from the priority date.
- Processing fee for providing the translation of the application and/or the Annexes later than 30 months from the priority date (37 CFR 1.492(i)).
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.16(f) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

**SUMMARY OF FEES DUE:**

Total additional fees required for this application is \$195 for a Small Entity:

- **\$65** Surcharge.
- **\$130** for English translation surcharge required.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

VONDA M WALLACE

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Telephone: (703) 308-9140 EXT 225

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**PART 1 - ATTORNEY/APPLICANT COPY**

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U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/527,382	PCT/DE03/02997	P05,0076

FORM PCT/DO/EO/905 (371 Formalities Notice)

TELEPHONE (312) 258-5500

## SCHIFF HARDIN LLP

## PATENT DEPARTMENT

6600 SEARS TOWER

233 SOUTH WACKER DRIVE

CHICAGO, ILLINOIS 60606

ATTY: DOCKET NO.: P05,0076

*HS*

In re application of: Wolfgang DREHER et al

SERIAL NO.: 10/527,382

EXAMINER:

FILED: March 11, 2005

CONFIRMATION NO.: 5749

TITLE: "SPECTROSCOPIC IMAGING METHOD, DEVICE COMPRISING ELEMENTS FOR CARRYING OUT SAID METHOD AND USE OF SAID IMAGING METHOD FOR CHARACTERIZING MATERIALS"

## MAIL STOP PCT AMENDMENT "A" PRIOR TO ACTION

Commissioner for Patents

P. O. Box 1450

Alexandria, VA 22313-1450

SIR:

Transmitted herewith is an amendment in the above-identified application.

 No additional fee is required.

The fee has been calculated as shown below.

		CLAIMS AS AMENDED					
		(2) CLAIMS REMAINING AFTER AMENDMENT		(4) HIGHEST NO. PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEE
03 FC:1206	TOTAL CLAIMS	-480.00 OP	MINUS	55	X 9	( ) X 50.00 (3) X 25.00	\$225.00
	INDEP. CLAIMS	*12	MINUS	6	X 6	( ) X 200.00 ( ) X 100.00	\$1080.00
	Application amended to contain any multiple dependent claims previously paid for.				( ) YES	( ) \$360.00 ( ) \$180.00 ONE TIME	\$1305.00
02/06/2006 VVALLACE		50.00 OP		TOTAL ADDITIONAL FEE FOR THIS AMENDMENT			\$1305.00

- \* If the entry in Column 2 is less than the entry in Column 4, write "0" in Column 5.
- \*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20 write "20" in this space.
- Applicants petition the Commissioner of Patents and Trademarks to extend this time for response to the Office Action dated for \_\_\_\_\_ months so that the period for response is extended to . A check in the amount of \$ is attached to cover the cost of the extension. Any deficiency or overpayment should be charged or credited to deposit account No. 501519. A duplicate copy of this sheet is enclosed.
- A check in the amount of \$ \$1305.00 is attached.
- A check for \$ \_\_\_\_\_ accompanying IDS under 37 CFR 1.97(c) is attached
- A check for \$ \_\_\_\_\_ and Petition for Consideration of IDS under 37 CFR 1.97(d) is attached.
- The Commissioner is hereby authorized to charge any additional fees which may be required, or to credit any overpayment to account No. 501519. A duplicate of this sheet is enclosed.

When phoning re this application, please call (312) 258-5500.

SCHIFF HARDIN LLP (Customer Number: 26574)

Patent Department

BY Steven H. Noll (28,982)

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on October 13, 2004.

Steven H. Noll

NAME OF APPLICANT'S ATTORNEY  
Steven H. NollSIGNATURE  
October 13, 2004

DATE

10/20/2005 GFREY1 00000121 10527382

01 FC:2615  
02 FC:2614  
03 FC:1206225.00 OP  
600.00 OP  
480.00 OP

Rec'd PCT/FT3 17 OCT 2005

TELEPHONE (312) 258-5500

SCHIFF HARDIN LLP

PATENT DEPARTMENT

6600 SEARS TOWER

233 SOUTH WACKER DRIVE

CHICAGO, ILLINOIS 60606

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The fee has been calculated as shown below.

CLAIMS AS AMENDED						
	(2) CLAIMS REMAINING AFTER AMENDMENT		(4) HIGHEST NO. PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEE
TOTAL CLAIMS	64	MINUS	55	X 9	( ) X 50.00 (3) X 25.00	\$225.00
INDEP. CLAIMS	*12	MINUS	6	X 6	( ) X 200.00 ( ) X 100.00	\$1080.00
Application amended to contain any multiple dependent claims not previously paid for.				( ) YES	( ) \$360.00 ( ) \$180.00 ONE TIME	
				( ) NO		\$1305.00
				TOTAL ADDITIONAL FEE FOR THIS AMENDMENT		\$1305.00

\* If the entry in Column 2 is less than the entry in Column 4, write "0" in Column 5.

- \*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20 write "20" in this space.
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- A check for \$ \_\_\_\_\_ and Petition for Consideration of IDS under 37 CFR 1.97(d) is attached.
- The Commissioner is hereby authorized to charge any additional fees which may be required, or to credit any overpayment to account No. 501519. A duplicate of this sheet is enclosed.
- When phoning re this application, please call (312) 258-5500.

SCHIFF HARDIN LLP (Customer Number: 26574)

Patent Department

BY Steven H. Noll (28,982)

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Steven H. Noll

NAME OF APPLICANT'S ATTORNEY  
Steven H. Noll

SIGNATURE  
5  
October 13, 2004

DATE

**BOX PCT**  
**IN THE UNITED STATES DESIGNATED OFFICE**  
**OF THE UNITED STATES PATENT AND TRADEMARK OFFICE**  
**UNDER THE PATENT COOPERATION TREATY-CHAPTER II**  
**SUBMISSION OF CERTIFIED COPY OF PRIORITY DOCUMENT**

APPLICANT: Wolfgang DREHER et al ATTY: DOCKET NO.: P05,0076  
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CHARACTERIZING MATERIALS"

**MAIL STOP PCT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

SIR:

Applicants herewith submit a Certified Copy of German Application 102 43 830.7, filed in the German Patent and Trademark Office on September 13, 2002, which forms the underlying application for the present PCT application.

Submitted by,

*Steven H. Noll* (Reg. 28,982)

\_\_\_\_\_  
Schiff, Hardin LLP CUSTOMER NO. 26574  
Patent Department  
6600 Sears Tower  
233 South Wacker Drive  
Chicago, Illinois 60606  
Telephone: 312/258-5790  
Attorneys for Applicant.

**CERTIFICATE OF MAILING**

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*Steven H. Noll*  
\_\_\_\_\_  
STEVEN H. NOLL

SB

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OF THE UNITED STATES PATENT AND TRADEMARK OFFICE  
UNDER THE PATENT COOPERATION TREATY-CHAPTER II

SUBMISSION OF DRAWINGS FOR PUBLICATION

APPLICANT: Wolfgang DREHER et al ATTY: DOCKET NO.: P05,0076

SERIAL NO.: 10/527,382 CONFIRMATION NO. 5749

FILED: March 11, 2005

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CHARACTERIZING MATERIALS"

**MAIL STOP PCT**

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

SIR:

Applicants herewith submit ~~nine~~ sheets (Figs. 1-9c) of drawings in a form suitable for publication purposes.

Submitted by,

Steven H. Noll (Reg. 28,982)

SCHIFF, HARDIN LLP, CUSTOMER NO. 26574

Patent Department

6600 Sears Tower

233 South Wacker Drive

Chicago, Illinois 60606

Telephone: 312/258-5790

Attorneys for Applicants.

CERTIFICATE OF MAILING

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Steven H. Noll

STEVEN H. NOLL